## Figure S4

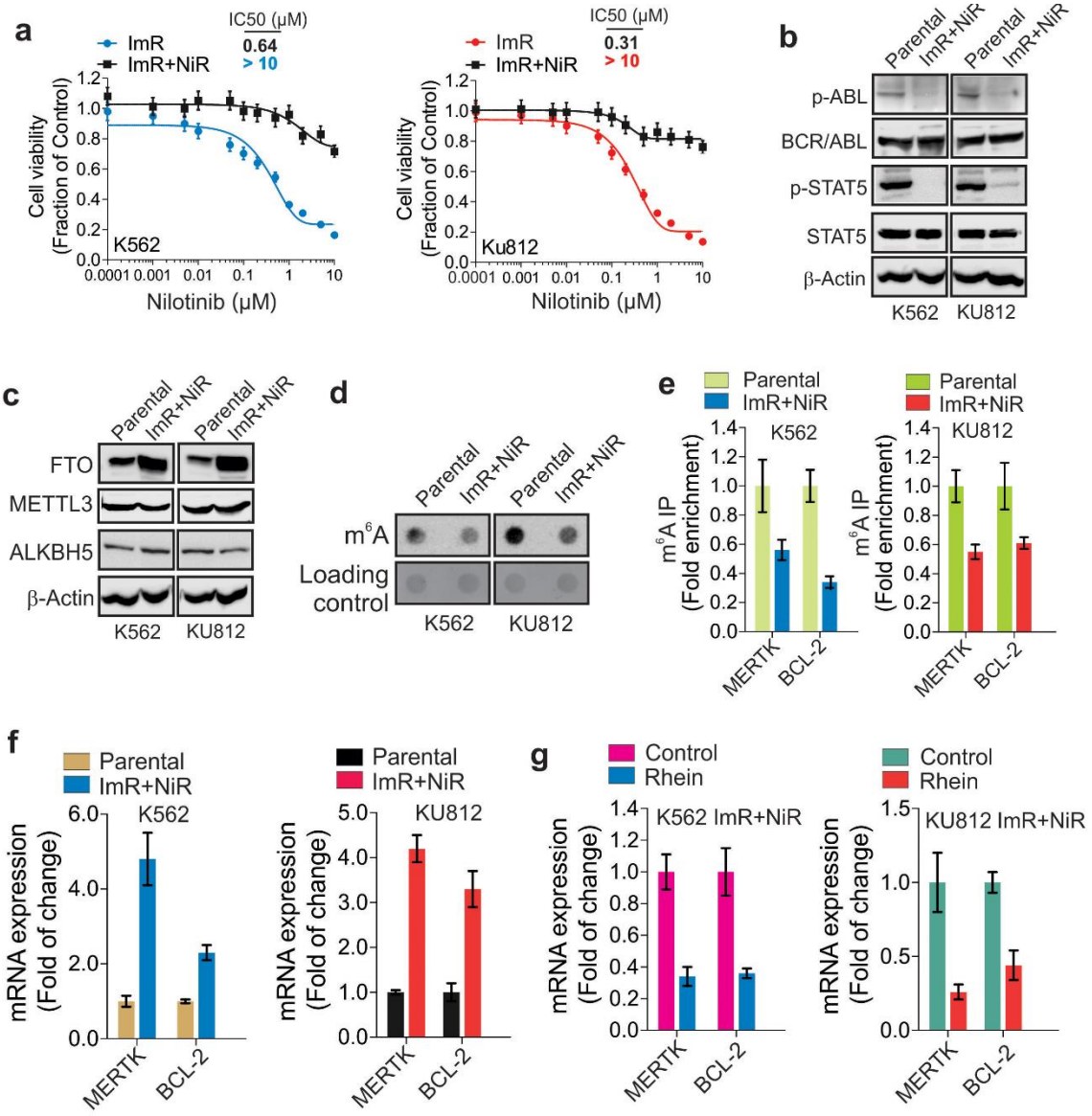


**Figure S4.** FTO upregulation and m$^6$A demethylation occur in second-line resistant cells. **a** CCK-8 assays in first- (ImR) and second- (ImR+NiR) line K562 and KU812 resistant cells treated with nilotinib for 72 hours. The data represent two independent experiments with 8 repeats in total. **b**,**c** Western blotting of parental and ImR+NiR cells. **d** Dotblotting of parental and ImR+NiR cells. **e** The mRNA from parental and ImR+NiR cells was subjected to immunoprecipitation (IP) by anti-m$^6$A. The eluted RNA was subjected to cDNA synthesis followed by qPCR for gene expression.

**f**,**g** qPCR of parental *vs* ImR+NiR cells (**f**) or ImR+NiR cells treated with 25 µM rhein for 48 hours (**g**).

In **b**-**g**, data represent three independent experiments.